

## PCT REQUEST

1/5

SH-18948-PCT

(for SUBMISSION) - printed on 28.03.2003 11:21:59

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	SH-18948-PCT
I	Title of invention	RECORDING METHOD USING REACTION AND DIFFUSION, RECORDING MEDIUM RECORDED ON USING THE RECORDING METHOD, AND RECORDING/REPRODUCING APPARATUS FOR THE RECORDING MEDIUM
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SAMSUNG ELECTRONICS CO., LTD.
II-5	Address:	416 Maetan-dong, Paldal-gu Suwon-city 442-373 Kyungki-do Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-31-200-3063
II-9	Facsimile No.	82-31-200-3272
II-10	e-mail	hyo76@samsung.com
II-11	Applicant's registration No. with the Office	1-1998-104271-3

BEST AVAILABLE COPY

## PCT REQUEST

SH-18948-PCT

Original (for SUBMISSION) - printed on 28.03.2003 11:57:16 AM

III-1	<b>Applicant and/or Inventor</b>	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	KIM, Joo-Ho
III-1-5	Address:	2-24-4 Matsusiro Tsukubasi, Ibaraki 305-0035 Japan
III-1-6	State of nationality	KR
III-1-7	State of residence	JP
III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	TOMINAGA, Junji
III-2-5	Address:	1-1-1 Higashi Tsukubasi, Ibaraki 305-8562 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEE, Young-Pil
IV-1-2	Address:	The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu 137-874 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-588-8585
IV-1-4	Facsimile No.	82-2-588-8586
IV-1-5	e-mail	iplaw@ypleepat.com
IV-1-5	Agent's registration No.	9-1998-000334-6

<b>V</b>	<b>Designation of States</b>	
<b>V-1</b>	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
<b>V-2</b>	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
<b>V-5</b>	Precautionary Designation Statement  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
<b>V-6</b>	Exclusion(s) from precautionary designations	NONE
<b>VI-1</b>	Priority claim of earlier national application	
VI-1-1	Filing date	28 March 2002 (28.03.2002)
VI-1-2	Number	2002-92662
VI-1-3	Country	JP
<b>VII-1</b>	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)

**PCT REQUEST**Original (for **SUBMISSION**) - printed on 28.03.2003 11:57:16 AM

<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	17	-
IX-3	Claims	11	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	10	-
IX-7	TOTAL	44	
	<b>Accompanying items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney		-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	4	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	LEE, Young-Pil	

**FOR RECEIVING OFFICE USE ONLY**

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

PCT REQUEST

5/5

SH-18948-PCT

Original (for SUBMISSION) - printed on 28.03.2003 11:57:16 AM

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
------	---	--

**PCT (ANNEX - FEE CALCULATION SHEET)**

SH-18948-PCT

Original (for **SUBMISSION**) - printed on 28.03.2003 11:57:16 AM

(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>		
<b>0-1</b>	International Application No.		
<b>0-2</b>	Date stamp of the receiving Office		
<b>0-4</b>	<b>Form - PCT/RO/101 (Annex)</b>		
<b>0-4-1</b>	PCT Fee Calculation Sheet Prepared using	<b>PCT-EASY Version 2.92 (updated 01.01.2003)</b>	
<b>0-9</b>	Applicant's or agent's file reference	<b>SH-18948-PCT</b>	
<b>2</b>	Applicant	<b>SAMSUNG ELECTRONICS CO., LTD., et al.</b>	
<b>12</b>	<b>Calculation of prescribed fees</b>	fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee T	⇒	45,000
12-2-1	Search fee S	⇒	150,000
12-2-2	International search to be carried out by	<b>KR</b>	
12-3	International fee		
	Basic fee		
	(first 30 sheets) b1	530,000	
12-4	Remaining sheets	14	
12-5	Additional amount (X)	12,000	
12-6	Total additional amount b2	168,000	
12-7	b1 + b2 = B	698,000	
12-8	Designation fees		
	Number of designations contained in International application	94	
12-9	Number of designation fees payable (maximum 5)	5	
12-10	Amount of designation fee (X)	114,000	
12-11	Total designation fees D	570,000	
12-12	PCT-EASY fee reduction R	-163,000	
12-13	Total International fee (B+D-R) I	⇒	1,105,000
<b>12-17</b>	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒	<b>1,300,000</b>
<b>12-19</b>	Mode of payment	<b>cash</b>	

**VALIDATION LOG AND REMARKS**

<b>13-2-1</b>	Validation messages Request	Green? The title of the invention shall be short and precise. Please verify.
<b>13-2-2</b>	Validation messages States	Green? More designations could be made. The following States have not been designated: JP. Please verify.

13-2-7	Validation messages Contents	Green? Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
		Yellow Accompanying item "original separate power of attorney" has not been indicated as enclosed.
13-2-1 1	Validation messages For receiving Office/International Bureau use only	Green? Verify electronic data for consistency against printed form.